

## HTTP ARCHIVE FILE

### ABSTRACT OF THE INVENTION

An OFFLINE request is sent from the client computer to the Web server. The Web server determines the Web page specified by the <URL> and all the linked (referenced) pages to a depth of <depth>. The Web server determines all graphics, audio clips, and other resources needed for these Web pages, compresses these resources, and creates an archive file containing the compressed resources. Alternatively, the Web server selects a pre-packaged archive file including these compressed resources. The archive file also includes metadata and a site map for the Web site. The archive file is received by the client computer and stored in the client computer's memory, where the archive file can later be decompressed. The archive file allows the client computer to browse the web site off-line and to optimize future requests for resources.